

## ABSTRACT

A control device for a hybrid vehicle, the hybrid vehicle comprising an engine and a motor as power sources, the control device including: a battery device sending energy to and receiving energy from the motor, a temperature sensor for measuring the temperature of the battery device; a control section which is adapted to execute a warming control operation for the battery device when the temperature of the battery device is low; and a determination section for determining whether a cylinder deactivation operation is permitted for the engine depending on the running state of the engine. The control section executes a vibration control operation for the engine by operating the motor so as to reduce vibration of the engine when it is determined by the determination section that the partial cylinder deactivation operation is permitted for the engine, and to perform the warming control operation for the battery device by executing a vibration control operation for the engine.